DXpedition News

Albania - ZA A team of Finnish amateurs will conduct a training program for Albanian amateurs July 1-13. Look for OH2BH, OH2BSI, OH6EI, KC6KOU (Martti's son Petri), and probably DF5UG to be active outside their classroom duties. This team will operate the headquarters station of the Albanian Amateur Radio Association (AARA) in the IARU HF Championship July 11-12, in the multi-multi category. The AARA is the latest member of the IARU, and headquarters stations are additional multipliers in the contest. The callsign of the headquarters station has not yet been decided. Try 25 kHz up on CW, and 3775, 7075, 14225, 21325, and 28525 kHz on SSB. QSL via Erkki Heikkinen OH2BBF, P. O. Box 53, 10901 Hanko, Finland. QSL six-meter contacts via OH2BC.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Snake Island - 4K5ZI Nick Lavreka RB5FF says another Snake Island 4K5ZI operation is set for July 5-25, on all bands and modes. QSL via Robert Schwiegerhausen DF8BK, Goebenstr 7, D-2800 Bremen 1, Germany. [Separate DXCC country status for Snake Island will depend on politics between Russia and the Ukraine. -ed.]

Tanzania - 5H Members of the Royal Omani Amateur Radio Society (ROARS) will operate as **5HØROA** July 15-31 from Zanzibar (AF-032). 80-10 meters, including the new bands, CW, SSB, and digital modes. Try 50 kHz up on CW, 'list operation preferred,' and 3645, 3800, 7075, 1418-220, 18130, 21250, 24970, and 28400 kHz on SSB, listening up 10 kHz. QSL via A47RS, Box 981, Muscat, Oman. QSL via bureau okay. They'll be on as **5HØROA/p** from the island of Pemba July 21-27.

DXpedition News, Continued

- **Faroe Islands - OY** Look for Michel **OY/F6AMI** and Didier **OY/FD1NZO** July 14-17, 80-10 meters, CW and SSB, concentrating on the IOTA frequencies of 14260, 21260, and 28460 kHz. QSL FD1NZO, Box 1, 71140 Vitry sur Loire, France. (FC1NZO in the 1992 *Callbook*.)
- **Iceland - TF** The same two amateurs will be **TF/** July 19-August 5; same information as above.

Shortly Noted

- **S21A** may be on the air any day now. Bangladesh security passed the new amateur regulations without objection, eliminating the last hurdle, after a delay of five months.
- **EJØSI** will be active from the Saltee Island (EU-103) July 9-14, thanks to the Islandhoppers group. Usual DX and IOTA frequencies, CW and SSB. QSL via EI6FR.
- The **OGØC** IARU HF Championship operation (see Issue 643) will be a multi-op entry with OH2BBF joining N6HR. This station will be the Finnish Amateur Radio League (SRAL)'s headquarters station. QSL via OH2BBF.
- **GB2JPJ** will be active from Scotland July 18-19, as members of the Ayr ARC and the Maxwellton ARC commemorate the 200th anniversary of the death of John Paul Jones, the father of the US Navy. Try 30 kHz up on CW, and 3775, 7075, 14240, 21240, and 28540 kHz on SSB. QSL via the RSGB (UK) bureau or direct to Box 36, Prestwick, Scotland. (Thanks DX-NL.)
- **GJØRLU** will be active July 13-31, by ON5FP. He will try to operate from Minquiners Island (EU-099) July 18-19 or 25-26. QSL home call. (LNDX.)
- **FW4?**: FO4OA has started a 14-18 month job on Wallis.
- **Six meters**: The 1992 international 6-meter beacon list is available for US$5 from Harry Schools KA3B, 1606 South Newkirk St., Philadelphia PA 19145. Harry also has a list of QSL routes for six-meter stations, for US$1.
- **ZV5A**, operated by YU1RL, made 12,360,000 points in the WPX CW as a single-op, eclipsing the previous record of 9.4 megs set in 1989 by V27T. Rasa made over 4000 QSOs with 870 multipliers.
- **SSB Net** check-ins: **14222**: (0030Z) TR8JH; **14227**: (11,22Z) A35KB HL9HH 9M2HB 1Z9B BZ5FB BZ5DX 9M8BL; **14236**: (02Z) 6W1/K2QXB SV0HW/SV9 5N8LRG KG4RC PZ1EE YK1AO ; **14256:** (2330Z) 3XØHNU T53UN 5B4ZL ZC4DG AO2JZB UD6DR 3A2LU
- **Islands On The Air**: **F6ELE** and **F6HKA** will be **/P** from Cordouan Island in the Aquitaine group (EU-???) July 17-21, all bands CW and SSB. Ed Fuqua will be active as **N4VHA/1J5** from Jekyll Island (NA-058) July 3-5, commemorating the first trans-Atlantic telephone call. **TV2MR** will be active from (EU-099) July 18-19, and July 25-26.

Important Note

There will **not** be an Issue of The DX Bulletin dated July 3; your editor will be in Europe. Issue 645 will be dated July 10. The DX Bulletin is published 50 weeks a year.

Propagation

Forecast and Historical Data

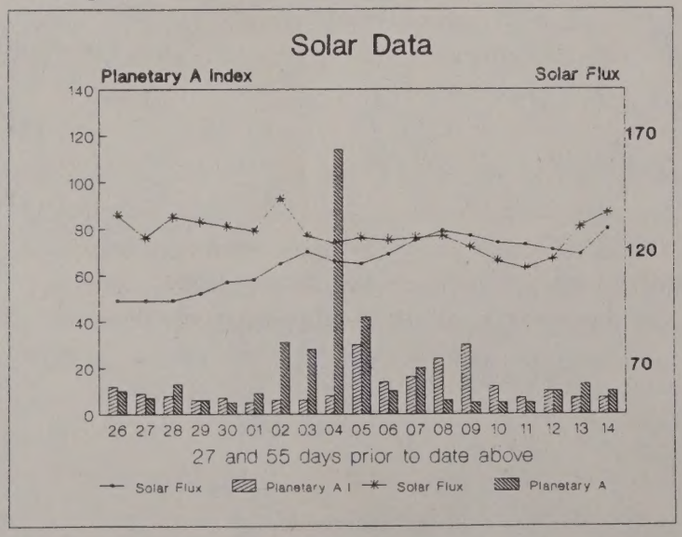
Day Forecast	27 Days Before				55 Days Before			
June 1992	Date	Flux	A	K	Date	Flux	A	K
26 Low Normal	05/30	99	14/12	3	05/03	126	08/07	2
27 Low Normal	05/31	99	08/09	2	05/04	135	10/13	2
28 Low Normal	06/01	99	07/08	1	05/05	133	05/06	1
29 Low Normal	06/02	102	04/06	1	05/06	131	05/05	2
30 Low Normal	06/03	107	04/07	1	05/07	129	07/09	2
July 1992								
01 Low Normal	06/04	108	01/05	1	05/08	143	26/31	4
02 Low Normal	06/05	115	04/06	1	05/09	127	26/28	5
03 Low Normal	06/06	120	03/06	2	05/10	124	99/114	6
04 Low Normal	06/07	116	07/08	2	05/11	126	36/42	3
05 Below Normal	06/08	115	24/30	3	05/12	125	07/10	2
06 Low Normal	06/09	119	21/14	2	05/13	126	16/20	0
07 Low Normal	06/10	125	20/16	3	05/14	127	02/06	0
08 Below Normal	06/11	129	21/24	4	05/15	122	03/05	1
09 Below Normal	06/12	127	26/30	3	05/16	116	02/05	0
10 Low Normal	06/13	124	14/12	3	05/17	113	03/05	2
11 High Normal	06/14	123	09/07	1	05/18	117	11/10	3
12 High Normal	06/15	121	06/10	2	05/19	131	09/13	2

Propagation Watch

The less active half of the sun is facing us this week. This may lead to a slight drop in solar indices. However, the difference between the more active and less active sides of the sun has almost disappeared in recent months. Flux may drift slightly lower, but propagation should remain much the same.

The tamer side of the sun is a little less likely to produce major flares, but the odds of a flare will increase during the first 10 days of July. Even a mid-class flare can seriously cut into long-haul and long-path DX. When the 3-hourly K index rises to 5 or more, band conditions are typically very poor. Compare the conditions June 12-13 with those the following few days, for example. The minor geomagnetic storminess of June 12-13 dissipated, and good DXing returned.

In general DXing has remained good, despite the low solar activity. 20 has been open very late at night to the east. 40 is open at the same time (local midnight+) to the west. There's plenty of east-west DX on 15 and 17 meters during the daylight hours. 10 and 12 meters provide some north-south DX (US to South America, for example). Good hunting!



July Contests

Venezuelan Independence
SSB July 4-5
CW July 25-26

These contests run the full 48 hours of the weekend, with four classes: single-op, single and all-band; multi-single; and multi-multi. Use 80, 40, 20, 15, and 10 meters only. Exchange RS(T) and consecutive serial number beginning with 001. Contacts between stations in the same country count 1 point, between stations on the same continent but different country count 3 points, and between stations on other continents, 5 points.

Multipliers are DXCC countries plus YV call areas, per band. Separate logs per band. Mail SSB entries by Sept 30, and CW entries by Oct. 31, to: Radio Club Venezuela, Concurso Independencia de Venezuela, P.O.Box 2285, Caracas 1010-A, Venezuela.

Olympic HF Contest July 18-19

This contest runs the full 48 hours, on 160-10 meters, new bands excluded. Mixed-mode CW and SSB, with four entry classes: single-op, single-band and all-band, multi-single; and multi-multi. Single ops must take 12 hours off, in blocks of at least 3 hours. 10-minute rules for multi-ops. Exchange RS(T) and CQ zone. Multipliers are 1) CQ zones; 2) prefixes of countries hosting Olympic Games: SV F W/K SM ON PA DL OH VK I JA XE VE UA HL EA; and 3) special Olympic stations using the **EH92** prefix, all per band. Contacts between stations in the same country count 1 point; between stations in different countries, 3 points. Logs by Sept. 1 to Barcelona HF Contest, P. O. Box 1461, 08080 Barcelona, Spain.

Colombian Independence Day July 18

The test runs the full 24 hours, on 80, 40, 20, 15, and 10 meters, SSB **or** CW. Usual four entry classes. Exchange RS(T) and consecutive serial number, beginning with 001. Outside of Colombia, contacts with stations in the same country **or continent** count 1 points, with stations on other continents, 3 points, and with Colombian stations 5 points. Multipliers are DXCC countries plus Colombian cal areas. Separate logs per band, mailed by August 31 to: Liga Colombiana de Radioaficionados, P. O. Box 584, Santafé de Bogota, Colombia.

IARU HF Championship

The ex-Radiosport contest runs July 11-12; see April 1992 *QST*, page 98 for complete rules.

North Korea

The following press release is the official word on amateur activity from North Korea:

"The expected IARU training session with on-the-air activity has been re-scheduled based on several open issues that still require clarification. The representatives of this project have just returned from North Korea but the expected break-through did not materialize.

"The group is led by OH1VR and W1RU with participants including several IARU member societies and representatives such as OH2BH, JA1BK, 3W3RR, etc... more details will probably be announced shortly while it is suggested that the Deserving can relax for the next several weeks until a firm announcement is made."

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet. All "portable" calls listed with country of operation first, regardless of format used on the air.*

S	M	T	W	T	F	S
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

RTTY

ES7FQ	14085	0331	18	NV
HSØZAA	14084	1435	18	CA
RHØW/ UA4FDS	14089	0027	18	FL

75 Meters

VK6LK *	3798	2320	12	MA

40 Meters

3D2XV	7082	0648	18	CA
	Rotuma			
CO8OH	7006	1015	11	MI
FK8CP	7082	0648	18	CA
KH9/ N1MPB	7082	0646	18	CA

30 Meters

3B8CF	10103	0324	11	OH
PZ1DV	10106	0325	11	OH

20 Meter CW

3DAØBK *	14017	1229	14	WA
3XØHNU	14004	1939	11	NH
4J4JJ	14022	0256	15	MT
4S7RO *	14022	1206	16	WA
5NØZKJ	14014	2050	11	WI
5Z4TT	14017	2132	14	MN
6W6JX	14023	0942	12	WI
9M2AX	14023	1354	15	MT
9M2ZA	14035	1027	11	MA
9M8FC	14009	1241	17	MT
9V1JY	14021	1332	14	MN
9Y4NW	14007	0027	16	FL
A22MN	14026	0610	18	CA
A41JZ	14002	0229	14	MN
BV2A	14031	1619	16	MT
BV4CT	14027	1329	13	WA
BY7HL	14021	1402	13	CA
CN2NA	14008	0011	18	MN
EA6PZ	14013	0030	16	FL
EF92EXPO	14029	2153	6	VA
ESØZ	14033	2341	16	FL
ES1AY	14008	0028	16	FL
FK8FG	14014	0509	8	WA
FK8GJ	14030	0710	12	CA
FO5BI/P	14024	0349	11	OH
FR5DD *	14021	1255	16	WA
J85A	14024	1613	14	FL
JT1BH	14003	1635	15	CA
JWØD	14006	0314	15	MT
JWØE	14032	0210	18	FL
JW5NM	14023	0236	13	MN
LY2BFN	14015	0247	14	ID
LZ2TU	14035	0604	18	CA
OA4AWE	14015	0031	16	FL
OD5/ SP7LSE	14027	0333	18	NV
	14009	2214	14	FL
P29DK	14023	1219	16	MT
PYØFF	14025	0300	9	WI
RAØDA	14026	1249	15	WA
RF6FP	14025	0244	18	MN
RH8AA	14025	2135	14	FL
RN8A	14015	0009	18	MN
SU1HV	14021	0021	16	FL
SV1AKX	14026	2223	18	FL
SV7BAY	14011	2320	15	FL
T32LN	14006	0440	10	WA
TA2BU	14022	0342	18	MN
TF/ HB9FMD	14009	2216	17	FL
UAØX/ UWØLI	14013	1223	12	IL
UB5HNN	14026	0233	11	MI
UD6DKW	14038	0147	13	MN
UF6FJ	14021	2128	14	MN
UI8AA	14025	1340	13	CA
UI8BBB	14021	0005	18	MN
UJ8AH	14011	0049	18	FL
UJ8JA	14037	0006	16	
UO5ON	14021	2333	15	FL
V85AA	14007	1240	14	WA
VQ9AC	14006	2125	12	WI
XU8CW	14032	1400	18	MT
YN/ SMØOIG	14012	1101	15	MN
	14002	2326	14	MN
YN1CC	14006	0545	18	CA
YO8FZ	14041	0605	18	CA
YU3BC	14010	0545	18	CA
	Slovenia			
Z21FN *	14020	1303	16	WA
Z23JO *	14026	1339	15	WA
ZA1TAA	14022	2227	15	FL
ZA1TAE	14024	0221	17	MT
ZA1TAJ	14023	2320	8	NH
ZD8LII	14014	2317	14	MN
ZP5XFB	14045	2344	15	FL

20 Meter SSB

4N2AA	14225	0512	5	IL
4N2NA	14212	0232	18	NV
	Croatia			
4S7DGG	14162	1425	18	CA
7X2DG	14189	0439	15	MN
9K2IGS	14225	0515	11	CA
9K2KC	14210	0202	12	WI
EF92EXPO	14152	2147	7	VA
HH2Z	14256	0300	12	CA
JW5NM	14184	0044	13	CA
LZ1KOZ	14195	0352	18	NV
LZ2CC	14214	0312	18	NV
SU1ER	14236	0605	10	CA
T77T	14188	0344	15	IL
VU2AU	14196	1115	7	NJ
ZK1WL	14226	0930	17	MN
	North Cooks			

17 Meter CW

HC5AI	18072	0016	16	
OHØBBF	18071	0548	6	OR
RT4UA	18072	0335	15	ID
UC2AAA	18071	0441	18	CA

17 Meter SSB

5T5CJ	18146	1732	2	NS
OHØBBF	18116	1636	5	IL

15 Meter CW

3C1EA	21012	1548	15	MT
5R8GW	21011	1628	17	MT
6W1PZ	21007	1504	18	CA
7P8SR	21009	1556	14	FL
9J2SZ	21009	1613	17	MT
A22MN	21018	1618	18	CA
AP/ WA2WYR	21027	1714	16	MT
EA6ZO	21026	1758	14	MN
FK8GS	21027	0212	13	MA
FO5BI/P	21017	1659	14	MN
TT8ZH	21009	1506	18	CA
XQØYAF	21010	1712	18	CA
XQØYAF	21015	2349	17	CA
	Easter Island			
YN/ SMØOIG	21023	1536	18	CA
	21018	1552	14	FL
Z21HS	21015	1627	16	MT

15 Meter SSB

3A2HB	21246	1713	7	MD
5N8KBM	21291	1521	18	CA
6W6JX	21300	1903	13	MN
9M2AJ	21246	1540	7	MD
A22MN	21326	1743	6	MD
A92BE	21294	0335	7	MD
BV2BT	21215	1558	6	MD
BV5OC	21238	1657	7	MD
D44BC	21259	1109	7	NJ
EL2PP	21299	1413	18	CA
HH2MC	21260	2348	17	NV
J5UAI	21326	1555	6	MD
S92QM	21260	2140	13	MN
TU2XR	21284	1647	14	MN
ZC4DG	21270	2148	4	MD
ZD7DP	21247	2015	6	NJ
ZD7SM	21259	2003	17	CA

12 Meter SSB

FK8CP	24986	2253	5	IL

10 Meter SSB

3XØHNU	28470	1800	6	ME
CX9BBG	28551	2159	18	CA
HFØPOL	28480	1536	6	VA
	South Shetlands			
HH2RQ	28500	0001	7	ME
TR8XX	28470	1755	7	ME
VP2MR	28440	2011	18	CA
VR6BX	28477	2300	3	ME

6 Meters

VP9NMV	50124	1701	8	VA
XE2/N6CW	50125	0413	18	CA

The W6GO/K6HHD QSL Manager List

The **W6GO/K6HHD List** is a monthly publication listing over 5,000 active DX stations and their QSL routes. We update these listings continuously so that you have the very latest QSL routings available. All those new countries you worked in last month's contest are probably listed in this month's QSL Manager List. In addition, we regularly have hints and tips on QSLing more effectively, for better returns. And, we let you know when the station turns out to be a PIRATE, so that you won't waste postage. All this plus regular updates about life in the O'Brien DX Farm, how can you resist? Just send your name, callsign, and address with a check for $25 to start your subscription. If you are still not convinced, send us a postcard with your name and address and we'll send you a recent issue as a sample. Once you use it, you will find it indispensable.

The W6GO/K6HHD List
P.O.Box 700-D
Rio Linda CA 95673

Issue 644 - June 26, 1992

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Aland Islands	**OH0**	**OG0C**	**July 10-11**	**I643**
Albania	**ZA**	**OHs**	**July 1-13**	**I644**
Angola	**D2AA**	**BC/D2AZPD**	**14256 00Z**	**I642**
Antigua	V2	V29PI	Now	I631
Bermuda	VP9	VP9CB	July 11-18	I643
Botswana	A2	A22MN	28469/13Z Sat	I642
Burkina Faso	XT	XT2BW	one year	I628
Cambodia	XU	XU7VK	Now-July	I641
		XU8CW	Now active	I643
Cayman Islands	**ZF**	**ZF2AH/JT**	**June 27-July 13**	**I643**
Central African Rep.	**TL8XX**		**now active**	**I641**
Faroe Islands	**OY/**	**Fs**	**July 14-17**	**I644**
Greenland	**OX/**	**DK2OY DL3LAB**	**June 27-July 11**	**I643**
Guinea-Bissau	**J5**	**J5UAI**	**Now active**	**I641**
Haiti	HH	HH2PK	on new bands	I642
Iceland	**TF/**	**Fs**	**July 19-Aug. 5**	**I644**
Kuwait	**9K**	**9K2WR**	**to July**	**I620**
Lebanon	**OD5/**	**SPs**	**now authorized**	**I639**
Liechtenstein	**HB0/**	**HA0s**	**June 29-July 5**	**I638**
Mauritania	**5T**	**5T5CJ**	**17M 1500Z**	**I639**
Mongolia	**JT/**	**G3NOM**	**June 28-July 8**	**I642**
North Cook Is.	**ZK**	**ZK1XP**	**Now**	**I643**
Oblast 062	**RB5X/RB5UE**		**July 1-Sept.**	**I643**
Pakistan	**AP/**	**WA2WYR**	**Now active**	**I619**
Rotuma Island	**3D**	**3D2XV**	**to June 30**	**I642**
Rwanda	**9X**	**9X5HM**	**to July**	**I641**
St. Martin	**FS/**	**KB4VHW**	**to June 26**	**I643**
Seychelles	**S7**	**S79EC**	**Now?**	**I642**
Snake Island	**4K**	**4K5ZI**	**July 5-25**	**I644**
Somalia	**T5**	**T53UN**	**2-6 months**	**I639**
Sovereign Bases	**ZC4**	**ZC4DG**	**to July 11**	**I639**
Sri Lanka	**4S**	**4S0UK**	**June 11-July 4**	**I638**
Svalbard	**JW**	**JW5NM**	**Now active**	**I632**
Tanzania	**5H**	**5H0ROA**	**July 15-31**	**I644**
Vietnam	**XV**	**XV7TH**	**21295 13-16Z**	**I637**
Wallis & Futuna	**FW**	**FW1FM**	**17M 08-10Z**	**I642**

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
Afghanistan	YA/OK1IAI	14023	2230Z
Albania	ZA1TAA	14023	2230Z
Albania	ZA1TAJ	14024	2320-0230Z
Botswana	A22MN	21326	1400Z Sat.
Chad	TT8ZH	21008	1500Z
Easter Island	XQ0YAF	21010±	2330Z
Georgia	UF6FJ	14025±	2130Z
Mauritius Island	3B8CF	7004	1330/0245Z
Nicaragua	YN/SM0OIG	21020	1530Z
Singapore	9V1JY	14021	1330Z
St. Helena	ZD7SM	21255±	2000Z
Svalbard	JW0E	20M CW	02-0300Z
Taiwan	BV4CT	14028	1330Z
Tajikistan	UJ8JA	20M CW	0000Z

The DX Bulletin

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Operating Events and DX Gatherings

Dates	Event	Reference:
July 4-5	Venezuela SSB DX test	I644
July 4-18	Siberian International	I637
July 11-12	IARU HF Championship	QST
July 18	Colombian Independence Day	I644
July 18-19	Olympic HF Contest	I644
July 24-26	Northwest DX Convention, Seattle WA	I643
July 25-26	Venezuelan CW DX test	I644
Aug. 21-23	ARRL National, Los Angeles	
Aug. 28-30	New Orleans International DX Convention	
Sept. 12	W9DXCC Convention	I640
Oct. 10-11	DXPO 92, Washington DC	

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, A41JV, AA6RE, AD6E, DX-NL, EI6FR, F6AMI, K0CVD, K6IR, K6LEB, K6OZL, K7EFB, K7WUW, K8CV, KA1MUY, KA7T, KE9OZ, KI6YB, KM9J, KQ3S, KR7L, LNDX, N1HN, N2EJQ, N4MM, N4VHA, N6DJM, N6IP, N6MQ, N6ULU, N7NG, N9LAG, NF6S, NM7M, RB5FF, VE1RJ, VE1YX, W1FV, W4VQ, W6UQF, W7LR, W9HAO, WA6AHF, WA6JCD, WA9ZBV, WB8YJF, WD9GGY, WS7I, WW6J, WX7R, and OK-DXpress. Thanks for your help! -chod.